

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S27<br>3 | 74   | (molding same die same(protrusions or hollows)) and optical     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/28 09:34 |
| S27<br>4 | 5    | ("4891053"   "4895585"   "5173100"   "5185107"   "5405652").PN. | USPAT                                       | OR | OFF | 2005/09/28 09:34 |
| S27<br>5 | 2    | ("4842633"   "5171348").PN.                                     | USPAT                                       | OR | OFF | 2005/09/28 09:34 |
| S27<br>6 | 7    | "5405652".URPN.   | USPAT                                       | OR | OFF | 2005/09/28 09:34 |
| S27<br>7 | 1    | "6565022"   | USPAT                                       | OR | OFF | 2005/09/29 09:39 |
| S27<br>8 | 0    | "6565022" and (binder or adhesive)                              | USPAT                                       | OR | OFF | 2005/09/29 09:38 |
| S27<br>9 | 19   | "2719336"   | USPAT                                       | OR | OFF | 2005/09/29 09:39 |
| S28<br>0 | 16   | "6354479"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/29 14:33 |
| S28<br>1 | 75   | "5421503"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/29 14:33 |
| S28<br>2 | 0    | (mold adj die) and refractive                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S28<br>3 | 125  | (mold adj die) and refractive                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S28<br>4 | 1    | 10/079498   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S28<br>5 | 2079 | hosoe.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S28<br>6 | 136  | hosoe.in. and mold  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |

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|----------|-----|--|---|----|-----|------------------|
| S28<br>7 | 243 | (metallic adj glass) and mold and glass                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S28<br>8 | 3   | "6521058"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S28<br>9 | 40  | (amorphous adj alloy) and (molding adj die)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S29<br>0 | 138 | 65/374.12.ccls. and mold                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S29<br>1 | 110 | 65/374.12.ccls. and optical                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S29<br>2 | 5   | 65/374.12.ccls. and optical and (amorphous adj alloy)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S29<br>3 | 5   | 65/374.12.ccls. and (amorphous adj alloy)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S29<br>4 | 12  | 65/374.12.ccls. and (glass adj metal)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S29<br>5 | 5   | 65/374.12.ccls. and (amorphous adj alloy)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S29<br>6 | 19  | "65"/\$8.ccls. and (amorphous adj alloy)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S29<br>7 | 3   | "65"/\$8.ccls. and (amorphous adj metallic adj alloy)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S29<br>8 | 3   | "65"/\$8.ccls. and (amorphous adj metallic adj alloys) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S29<br>9 | 0   | "65"/\$8.ccls. and ( metallic adj<br>glass adj alloys)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S30<br>0 | 0   | "65"/\$8.ccls. and ( metallic adj<br>glass adj alloy)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S30<br>1 | 168 | ( metallic adj glass adj alloy)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S30<br>2 | 10  | ( metallic adj glass adj alloy) and<br>optical and (mold or molding)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S30<br>3 | 15  | optical and ( metallic adj glass adj<br>alloy)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S30<br>4 | 19  | optical and ( metallic adj glass adj<br>alloys)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S30<br>5 | 42  | (mold or molding) and ( metallic adj<br>glass adj alloys)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S30<br>6 | 5   | (mold or molding) same ( metallic<br>adj glass adj alloys)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S30<br>7 | 9   | (mold or molding) same ( metallic<br>adj glass adj alloy)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S30<br>8 | 112 | (mold or molding) same ( metallic<br>adj glass)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S30<br>9 | 10  | ("4251254"   "4391622"  <br>"4685948"   "4721518"   "4921519"<br>  "5026415"   "5171348"  <br>"5380349"   "5700307"  <br>"5759221").PN. | USPAT                                       | OR | OFF | 2006/11/11 06:52 |
| S31<br>0 | 1   | "6009728".URPN.   | USPAT                                       | OR | OFF | 2006/11/11 06:52 |

## EAST Search History

|          |        |   |   |    |     |                  |
|----------|--------|---|---|----|-----|------------------|
| S31<br>1 | 10     | ("4251254"   "4391622"   "4685948"   "4721518"   "4921519"   "5026415"   "5171348"   "5380349"   "5700307"   "5759221").PN.   | USPAT                                       | OR | OFF | 2006/11/11 06:52 |
| S31<br>2 | 1      | "5759221".URPN.   | USPAT                                       | OR | OFF | 2006/11/11 06:52 |
| S31<br>3 | 8      | ("4251254"   "4391622"   "4685948"   "4721518"   "4921519"   "5026415"   "5171348"   "5380349").PN.   | USPAT                                       | OR | OFF | 2006/11/11 06:52 |
| S31<br>4 | 126    | 65/374.12.ccls.   | USOCR                                       | OR | OFF | 2006/11/11 06:52 |
| S31<br>5 | 0      | 65/374.12.ccls. and ((mold or molding) same ( metallic adj glass))  | USOCR                                       | OR | OFF | 2006/11/11 06:52 |
| S31<br>6 | 13     | "299657"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S31<br>7 | 1      | "299657/2001"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S31<br>8 | 5      | ("Pd.sub.40Ni.sub.10Cu.sub.30P.sub.20" or "Zr.sub.55Cu.sub.30Al.sub.10Ni.sub.5" or "Pd.sub.53Cu.sub.28Ni.sub.10P.sub.5" or "Pd.sub.76Cu.sub.17Si.sub.7") and mold and optical | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S31<br>9 | 5      | ("Pd.sub.40Ni.sub.10Cu.sub.30P.sub.20" or "Zr.sub.55Cu.sub.30Al.sub.10Ni.sub.5" or "Pd.sub.53Cu.sub.28Ni.sub.10P.sub.5" or "Pd.sub.76Cu.sub.17Si.sub.7") and mold             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S32<br>0 | 5      | ("Pd.sub.40Ni.sub.10Cu.sub.30P.sub.20" or "Zr.sub.55Cu.sub.30Al.sub.10Ni.sub.5" or "Pd.sub.53Cu.sub.28Ni.sub.10P.sub.5" or "Pd.sub.76Cu.sub.17Si.sub.7") and molding          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S32<br>1 | 5      | ("Pd.sub.40Ni.sub.10Cu.sub.30P.sub.20" or "Zr.sub.55Cu.sub.30Al.sub.10Ni.sub.5" or "Pd.sub.53Cu.sub.28Ni.sub.10P.sub.5" or "Pd.sub.76Cu.sub.17Si.sub.7") and die              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S32<br>2 | 276631 | (Pd or Ni or Cu or P or Zr or Al or Si) and die   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |

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|          |       |  |   |    |     |                  |
|----------|-------|--|---|----|-----|------------------|
| S32<br>3 | 68789 | (Pd or Ni or Cu or P or Zr or Al or Si) and (molding or mold) and optical                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S32<br>4 | 14007 | (Pd or Ni or Cu or P or Zr or Al or Si) and (molding or mold) and optical and die                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S32<br>5 | 220   | (Pd or Ni or Cu or P or Zr or Al or Si) and (molding or mold) and optical and die and "65"/\$8.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S32<br>6 | 305   | 65/323.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S32<br>7 | 585   | 65/37.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S32<br>8 | 348   | 65/39.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S32<br>9 | 513   | 65/102.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S33<br>0 | 578   | 65/305.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S33<br>1 | 887   | 359/642.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S33<br>2 | 0     | "2641"".""32".ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S33<br>3 | 325   | 264/1.32.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S33<br>4 | 529   | 249/135.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |

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|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S33<br>5 | 1150 | 425/808.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S33<br>6 | 53   | (I1-I10) and optical   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S33<br>7 | 2653 | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. 425/808.ccls.) and optical   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S33<br>8 | 2653 | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S33<br>9 | 1904 | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S34<br>0 | 272  | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding) and alloy                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S34<br>1 | 74   | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding) and alloy and amorphous       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S34<br>2 | 0    | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding) and (amorphous adj amorphous) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |

## EAST Search History

|          |       |  |   |    |     |                  |
|----------|-------|--|---|----|-----|------------------|
| S34<br>3 | 16    | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding) and (amorphous adj alloy) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S34<br>4 | 37    | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding) and (metal adj glass)     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S34<br>5 | 8     | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding) and (metallic adj glass)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S34<br>6 | 4     | "10217257"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S34<br>7 | 12290 | B29C033/38.ipc. or C22C001/00.ipc. or C22C045/10.ipc.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S34<br>8 | 12021 | B29C033/38.ipc. or C22C001/00.ipc. or C22C045/10.ipc. and (molding or mold or die)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S34<br>9 | 11976 | B29C033/38.ipc. or C22C001/00.ipc. or C22C045/10.ipc. and (molding or mold or die) and (optical or len or lenses)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S35<br>0 | 11975 | B29C033/38.ipc. or C22C001/00.ipc. or C22C045/10.ipc. and (molding or mold or die) and (optical or len or lenses) and alloy  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S35<br>1 | 11975 | B29C033/38.ipc. or C22C001/00.ipc. or C22C045/10.ipc. and (molding or mold or die) and (optical or len or lenses) and alloy and (glass or amorphous)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S35<br>2 | 46   | (B29C033/38.ipc. or C22C001/00.<br>ipc. or C22C045/10.ipc.) and<br>(molding or mold or die) and<br>(optical or len or lenses) and alloy<br>and (glass or amorphous) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S35<br>3 | 0    | "20070172485"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S35<br>4 | 0    | "200270172485"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S35<br>5 | 0    | "200270172485"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S35<br>6 | 0    | 2002/70172485   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S35<br>7 | 235  | keaton.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S35<br>8 | 36   | keaton.in. and optical  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S35<br>9 | 2764 | barrier and core and cladding   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S36<br>0 | 144  | barrier and core and cladding and<br>"65"/\$8.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S36<br>1 | 42   | barrier and core and cladding and<br>"65"/\$8.ccls. and MCVD  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S36<br>2 | 28   | barrier same core same (inner adj<br>cladding)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S36<br>3 | 15   | barrier same core same (inner adj<br>cladding) and laser  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |



## EAST Search History

|          |    |   |   |    |     |                  |
|----------|----|---|---|----|-----|------------------|
| S36<br>4 | 30 | "4257797"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S36<br>5 | 3  | barrier and core and cladding and<br>"65"/\$8.ccls. and MCVD and sleeve           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S36<br>6 | 3  | barrier and core and cladding and<br>"65"/\$8.ccls. and OVD and sleeve            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S36<br>7 | 34 | barrier and core and cladding and<br>"65"/\$8.ccls. and OVD and tube              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S36<br>8 | 3  | barrier and core and cladding and<br>"65"/\$8.ccls. and OVD and sleeve            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S36<br>9 | 3  | barrier and core and "65"/\$8.ccls.<br>and OVD and sleeve                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S37<br>0 | 61 | core and "65"/\$8.ccls. and OVD and<br>sleeve                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S37<br>1 | 9  | core and "65"/\$8.ccls. and OVD and<br>sleeve and phosphorous                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S37<br>2 | 2  | core and "65"/\$8.ccls. and OVD and<br>sleeve and (phosphosilicate adj<br>fibers) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S37<br>3 | 1  | core and "65"/\$8.ccls. and OVD and<br>sleeve and (phosphosilicate adj<br>fiber)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S37<br>4 | 1  | OVD and sleeve and<br>(phosphosilicate adj fiber)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S37<br>5 | 1  | sleeve and (phosphosilicate adj<br>fiber)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |

## EAST Search History

|          |       |  |   |    |     |                  |
|----------|-------|--|---|----|-----|------------------|
| S37<br>6 | 0     | sleeve and (phosphosilicate)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S37<br>7 | 75    | sleeve and (phosphosilicate)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S37<br>8 | 13    | OVD and (phosphosilicate)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S37<br>9 | 5     | 09/671790  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S38<br>0 | 51638 | (barrier adj layer) and thickness                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S38<br>1 | 23900 | (barrier adj layer) same thickness                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S38<br>2 | 50    | ((barrier adj layer) same thickness)<br>and "65"/\$8.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S38<br>3 | 934   | core same phosphorous                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S38<br>4 | 353   | (core same phosphorous) and<br>cladding                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S38<br>5 | 24    | (core same phosphorous) and<br>cladding and sleeve         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S38<br>6 | 1     | gouskov.in. and barrier                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S38<br>7 | 4     | "57183331"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |

## EAST Search History

|          |        |   |   |    |     |                  |
|----------|--------|---|---|----|-----|------------------|
| S38<br>8 | 2      | "63123829"                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:52 |
| S38<br>9 | 1      | ("6400385").PN.                                 | USPAT;<br>USOCR                                       | OR | OFF | 2006/11/11 06:52 |
| S39<br>0 | 0      | "6400385" and tablet                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:52 |
| S39<br>1 | 0      | "6400385" and pill                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:52 |
| S39<br>2 | 564054 | "6400385" medical                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:52 |
| S39<br>3 | 0      | "6400385" and medical                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:52 |
| S39<br>4 | 0      | "6400385" and pharmaceutical                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:52 |
| S39<br>5 | 4      | ("10217257").PN.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S39<br>6 | 4      | "10217257"                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:52 |
| S39<br>7 | 7      | "5700307"                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:52 |
| S39<br>8 | 836    | (protrusions same mold) and optical             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:52 |
| S39<br>9 | 246    | (protrusions same mold) and optical<br>and lens | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:52 |

## EAST Search History

|          |        |   |   |    |     |                  |
|----------|--------|---|---|----|-----|------------------|
| S40<br>0 | 18     | (protrusions same mold) and optical and lens and resonance      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S40<br>1 | 89     | (protrusions same mold) and optical and lens and refractive     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S40<br>2 | 1      | 10/079498   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S40<br>3 | 1      | 10/079498 and (double adj refraction)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S40<br>4 | 10     | hollows and (double adj refraction)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S40<br>5 | 257    | dvd and (double adj refraction)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S40<br>6 | 22     | dvd same (double adj refraction)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S40<br>7 | 0      | (dvd same (double adj refraction)) and (hollows or protrusion)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S40<br>8 | 0      | (dvd same (double adj refraction)) and (hollows or protrusions) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S40<br>9 | 270809 | protrusion or hollows) (double adj refraction                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S41<br>0 | 83     | protrusion or hollows) and (double adj refraction               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S41<br>1 | 10     | protrusion or hollows) same (double adj refraction              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S41<br>2 | 10   | (protrusion or hollows) same<br>(double adj refraction)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S41<br>3 | 81   | (protrusion or hollows) and (double<br>adj refraction) and optical    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S41<br>4 | 810  | molding same die same(protrusion<br>or hollows)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S41<br>5 | 576  | molding same die same(protrusions<br>or hollows)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S41<br>6 | 88   | (molding same die<br>same(protrusions or hollows)) and<br>optical     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S41<br>7 | 5    | ("4891053"   "4895585"  <br>"5173100"   "5185107"  <br>"5405652").PN. | USPAT                                       | OR | OFF | 2006/11/11 06:52 |
| S41<br>8 | 2    | ("4842633"   "5171348").PN.   | USPAT                                       | OR | OFF | 2006/11/11 06:52 |
| S41<br>9 | 7    | "5405652".URPN.   | USPAT                                       | OR | OFF | 2006/11/11 06:52 |
| S42<br>0 | 0    | (mold adj die) and refreactive  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S42<br>1 | 2079 | hosoe.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S42<br>2 | 5    | 65/374.12.ccls. and (amorphous adj<br>alloy)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S42<br>3 | 5    | 65/374.12.ccls. and (amorphous adj<br>alloy)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S42<br>4 | 0    | "65"/\$8.ccls. and ( metallic adj<br>glass adj alloys)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |

## EAST Search History

|          |        |  |   |    |     |                  |
|----------|--------|--|---|----|-----|------------------|
| S42<br>5 | 0      | "65"/\$8.ccls. and ( metallic adj glass adj alloy)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S42<br>6 | 168    | ( metallic adj glass adj alloy)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S42<br>7 | 1      | "6009728".URPN.  | USPAT                                       | OR | OFF | 2006/11/11 06:52 |
| S42<br>8 | 0      | 65/374.12.ccls. and ((mold or molding) same ( metallic adj glass))   | USOCR                                       | OR | OFF | 2006/11/11 06:52 |
| S42<br>9 | 5      | ("Pd.sub.40Ni.sub.10Cu.sub.30P.sub.20" or "Zr.sub.55Cu.sub.30Al.sub.10Ni.sub.5" or "Pd.sub.53Cu.sub.28Ni.sub.10P.sub.5" or "Pd.sub.76Cu.sub.17Si.sub.7") and molding | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S43<br>0 | 5      | ("Pd.sub.40Ni.sub.10Cu.sub.30P.sub.20" or "Zr.sub.55Cu.sub.30Al.sub.10Ni.sub.5" or "Pd.sub.53Cu.sub.28Ni.sub.10P.sub.5" or "Pd.sub.76Cu.sub.17Si.sub.7") and die     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S43<br>1 | 276631 | (Pd or Ni or Cu or P or Zr or Al or Si) and die  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S43<br>2 | 68789  | (Pd or Ni or Cu or P or Zr or Al or Si) and (molding or mold) and optical  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S43<br>3 | 14007  | (Pd or Ni or Cu or P or Zr or Al or Si) and (molding or mold) and optical and die  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S43<br>4 | 305    | 65/323.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S43<br>5 | 585    | 65/37.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S43<br>6 | 348    | 65/39.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |

## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S43<br>7 | 513  | 65/102.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S43<br>8 | 578  | 65/305.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S43<br>9 | 887  | 359/642.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:52 |
| S44<br>0 | 0    | "2641"".""32".ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S44<br>1 | 325  | 264/1.32.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S44<br>2 | 529  | 249/135.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S44<br>3 | 1150 | 425/808.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S44<br>4 | 53   | (11-110) and optical   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S44<br>5 | 2653 | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641"".""32".ccls. or 264/1.32.ccls. or 249/135.ccls. 425/808.ccls.) and optical    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S44<br>6 | 2653 | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641"".""32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |

## EAST Search History

|          |       |   |   |    |     |                  |
|----------|-------|---|---|----|-----|------------------|
| S44<br>7 | 1904  | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641"".""32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S44<br>8 | 0     | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641"".""32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding) and (amorphous adj amorphous) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S44<br>9 | 12290 | B29C033/38.ipc. or C22C001/00.ipc. or C22C045/10.ipc.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S45<br>0 | 12021 | B29C033/38.ipc. or C22C001/00.ipc. or C22C045/10.ipc. and (molding or mold or die)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S45<br>1 | 11976 | B29C033/38.ipc. or C22C001/00.ipc. or C22C045/10.ipc. and (molding or mold or die) and (optical or len or lenses)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S45<br>2 | 11975 | B29C033/38.ipc. or C22C001/00.ipc. or C22C045/10.ipc. and (molding or mold or die) and (optical or len or lenses) and alloy   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S45<br>3 | 11975 | B29C033/38.ipc. or C22C001/00.ipc. or C22C045/10.ipc. and (molding or mold or die) and (optical or len or lenses) and alloy and (glass or amorphous)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S45<br>4 | 0     | "20070172485"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S45<br>5 | 0     | "200270172485"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S45<br>6 | 0     | "200270172485"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |



## EAST Search History

|          |       |   |   |    |     |                  |
|----------|-------|---|---|----|-----|------------------|
| S45<br>7 | 0     | 2002/70172485   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S45<br>8 | 235   | keaton.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S45<br>9 | 2764  | barrier and core and cladding   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S46<br>0 | 2     | core and "65"/\$8.ccls. and OVD and sleeve and (phosphosilicate adj fibers) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S46<br>1 | 1     | sleeve and (phosphosilicate adj fiber)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S46<br>2 | 0     | sleeve and (phosphosilicate)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S46<br>3 | 51638 | (barrier adj layer) and thickness   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S46<br>4 | 23900 | (barrier adj layer) same thickness  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S46<br>5 | 934   | core same phosphorous   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S46<br>6 | 353   | (core same phosphorous) and cladding  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S46<br>7 | 0     | "6400385" and tablet  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S46<br>8 | 0     | "6400385" and pill  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |

## EAST Search History

|          |        |  |   |    |     |                  |
|----------|--------|--|---|----|-----|------------------|
| S46<br>9 | 564054 | "6400385" medical  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:53 |
| S47<br>0 | 0      | "6400385" and medical  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:53 |
| S47<br>1 | 0      | "6400385" and pharmaceutical                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:53 |
| S47<br>2 | 4      | ("10217257").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S47<br>3 | 836    | (protrusions same mold) and optical                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:53 |
| S47<br>4 | 0      | (dvd same (double adj refraction))<br>and (hollows or protrusion)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:53 |
| S47<br>5 | 0      | (dvd same (double adj refraction))<br>and (hollows or protrusions) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:53 |
| S47<br>6 | 270809 | protrusion or hollows) (double adj<br>refraction                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:53 |
| S47<br>7 | 10     | (protrusion or hollows) same<br>(double adj refraction)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:53 |
| S47<br>8 | 810    | molding same die same(protrusion<br>or hollows)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:53 |
| S47<br>9 | 576    | molding same die same(protrusions<br>or hollows)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:53 |
| S48<br>0 | 1      | 10/079498  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/11/11 06:53 |

## EAST Search History

|          |     |  |   |    |     |                  |
|----------|-----|--|---|----|-----|------------------|
| S48<br>1 | 1   | "5759221".URPN.  | USPAT                                       | OR | OFF | 2006/11/11 06:53 |
| S48<br>2 | 1   | "299657/2001"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S48<br>3 | 1   | core and "65"/\$8.ccls. and OVD and sleeve and (phosphosilicate adj fiber) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S48<br>4 | 1   | OVD and sleeve and (phosphosilicate adj fiber)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S48<br>5 | 1   | gouskov.in. and barrier  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S48<br>6 | 1   | ("6400385").PN.  | USPAT;<br>USOCR                             | OR | OFF | 2006/11/11 06:53 |
| S48<br>7 | 1   | 10/079498  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S48<br>8 | 1   | 10/079498 and (double adj refraction)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S48<br>9 | 3   | "6521058"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S49<br>0 | 40  | (amorphous adj alloy) and (molding adj die)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S49<br>1 | 110 | 65/374.12.ccls. and optical  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S49<br>2 | 5   | 65/374.12.ccls. and optical and (amorphous adj alloy)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S49<br>3 | 12  | 65/374.12.ccls. and (glass adj metal)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S49<br>4 | 19  | "65"/\$8.ccls. and (amorphous adj alloy)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S49<br>5 | 3   | "65"/\$8.ccls. and (amorphous adj metallic adj alloy)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S49<br>6 | 3   | "65"/\$8.ccls. and (amorphous adj metallic adj alloys)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S49<br>7 | 10  | ( metallic adj glass adj alloy) and optical and (mold or molding)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S49<br>8 | 15  | optical and ( metallic adj glass adj alloy)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S49<br>9 | 19  | optical and ( metallic adj glass adj alloys)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S50<br>0 | 42  | (mold or molding) and ( metallic adj glass adj alloys)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S50<br>1 | 5   | (mold or molding) same ( metallic adj glass adj alloys)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S50<br>2 | 9   | (mold or molding) same ( metallic adj glass adj alloy)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S50<br>3 | 112 | (mold or molding) same ( metallic adj glass)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S50<br>4 | 10  | ("4251254"   "4391622"   "4685948"   "4721518"   "4921519"   "5026415"   "5171348"   "5380349"   "5700307"   "5759221").PN. | USPAT                                       | OR | OFF | 2006/11/11 06:53 |

## EAST Search History

|          |    |  |   |    |     |                  |
|----------|----|--|---|----|-----|------------------|
| S50<br>5 | 10 | ("4251254"   "4391622"   "4685948"   "4721518"   "4921519"   "5026415"   "5171348"   "5380349"   "5700307"   "5759221").PN.  | USPAT                                       | OR | OFF | 2006/11/11 06:53 |
| S50<br>6 | 8  | ("4251254"   "4391622"   "4685948"   "4721518"   "4921519"   "5026415"   "5171348"   "5380349").PN.  | USPAT                                       | OR | OFF | 2006/11/11 06:53 |
| S50<br>7 | 13 | "299657"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S50<br>8 | 5  | ("Pd.sub.40Ni.sub.10Cu.sub.30P.sub.20" or "Zr.sub.55Cu.sub.30Al.sub.10Ni.sub.5" or "Pd.sub.53Cu.sub.28Ni.sub.10P.sub.5" or "Pd.sub.76Cu.sub.17Si.sub.7") and mold and optical  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S50<br>9 | 5  | ("Pd.sub.40Ni.sub.10Cu.sub.30P.sub.20" or "Zr.sub.55Cu.sub.30Al.sub.10Ni.sub.5" or "Pd.sub.53Cu.sub.28Ni.sub.10P.sub.5" or "Pd.sub.76Cu.sub.17Si.sub.7") and mold  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S51<br>0 | 74 | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding) and alloy and amorphous   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S51<br>1 | 16 | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding) and (amorphous adj alloy) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S51<br>2 | 37 | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding) and (metal adj glass)     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |

## EAST Search History

|          |    |   |   |    |     |                  |
|----------|----|---|---|----|-----|------------------|
| S51<br>3 | 8  | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding) and (metallic adj glass) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S51<br>4 | 4  | "10217257"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S51<br>5 | 46 | (B29C033/38.ipc. or C22C001/00.ipc. or C22C045/10.ipc.) and (molding or mold or die) and (optical or len or lenses) and alloy and (glass or amorphous)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S51<br>6 | 36 | keaton.in. and optical  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S51<br>7 | 42 | barrier and core and cladding and "65"/\$8.ccls. and MCVD   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S51<br>8 | 28 | barrier same core same (inner adj cladding)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S51<br>9 | 15 | barrier same core same (inner adj cladding) and laser   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S52<br>0 | 30 | "4257797"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S52<br>1 | 3  | barrier and core and cladding and "65"/\$8.ccls. and MCVD and sleeve  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S52<br>2 | 3  | barrier and core and cladding and "65"/\$8.ccls. and OVD and sleeve   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S52<br>3 | 34 | barrier and core and cladding and "65"/\$8.ccls. and OVD and tube   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |

## EAST Search History

|          |    |   |   |    |     |                  |
|----------|----|---|---|----|-----|------------------|
| S52<br>4 | 3  | barrier and core and cladding and "65"/\$8.ccls. and OVD and sleeve | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S52<br>5 | 3  | barrier and core and "65"/\$8.ccls. and OVD and sleeve              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S52<br>6 | 61 | core and "65"/\$8.ccls. and OVD and sleeve                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S52<br>7 | 9  | core and "65"/\$8.ccls. and OVD and sleeve and phosphorous          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S52<br>8 | 75 | sleeve and (phosphosilicate)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S52<br>9 | 13 | OVD and (phosphosilicate)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S53<br>0 | 5  | 09/671790   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S53<br>1 | 50 | ((barrier adj layer) same thickness) and "65"/\$8.ccls.             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S53<br>2 | 24 | (core same phosphorous) and cladding and sleeve                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S53<br>3 | 4  | "57183331"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S53<br>4 | 2  | "63123829"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S53<br>5 | 4  | "10217257"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S53<br>6 | 7   | "5700307"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S53<br>7 | 18  | (protrusions same mold) and optical<br>and lens and resonance         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S53<br>8 | 89  | (protrusions same mold) and optical<br>and lens and refractive        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S53<br>9 | 10  | hollows and (double adj refraction)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S54<br>0 | 22  | dvd same (double adj refraction)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S54<br>1 | 83  | protrusion or hollows) and (double<br>adj refraction                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S54<br>2 | 10  | protrusion or hollows) same (double<br>adj refraction                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S54<br>3 | 81  | (protrusion or hollows) and (double<br>adj refraction) and optical    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S54<br>4 | 88  | (molding same die<br>same(protrusions or hollows)) and<br>optical     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S54<br>5 | 5   | ("4891053"   "4895585"  <br>"5173100"   "5185107"  <br>"5405652").PN. | USPAT                                       | OR | OFF | 2006/11/11 06:53 |
| S54<br>6 | 2   | ("4842633"   "5171348").PN.   | USPAT                                       | OR | OFF | 2006/11/11 06:53 |
| S54<br>7 | 7   | "5405652".URPN.   | USPAT                                       | OR | OFF | 2006/11/11 06:53 |
| S54<br>8 | 125 | (mold adj die) and refractive   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |



## EAST Search History

|          |     |  |   |    |     |                  |
|----------|-----|--|---|----|-----|------------------|
| S54<br>9 | 136 | hosoe.in. and mold   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S55<br>0 | 243 | (metallic adj glass) and mold and glass  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S55<br>1 | 138 | 65/374.12.ccls. and mold   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S55<br>2 | 126 | 65/374.12.ccls.  | USOCR                                       | OR | OFF | 2006/11/11 06:53 |
| S55<br>3 | 220 | (Pd or Ni or Cu or P or Zr or Al or Si) and (molding or mold) and optical and die and "65"/\$8.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S55<br>4 | 144 | barrier and core and cladding and "65"/\$8.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S55<br>5 | 246 | (protrusions same mold) and optical and lens   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S55<br>6 | 257 | dvd and (double adj refraction)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S55<br>7 | 272 | (65/323.ccls. or 65/37.ccls. or 65/39.ccls. or 65/102.ccls. or 65/102.ccls. or 65/305.ccls. or 359/642.ccls. or "2641""."32".ccls. or 264/1.32.ccls. or 249/135.ccls. or 425/808.ccls.) and optical and (die or mold or molding) and alloy | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 09:19 |
| S55<br>8 | 1   | "6565022"  | USPAT                                       | OR | OFF | 2006/11/11 06:53 |
| S55<br>9 | 0   | "6565022" and (binder or adhesive)   | USPAT                                       | OR | OFF | 2006/11/11 06:53 |
| S56<br>0 | 20  | "2719336"  | USPAT                                       | OR | OFF | 2006/11/11 06:53 |
| S56<br>1 | 28  | "6354479"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |

## EAST Search History

|          |         |   |   |    |     |                  |
|----------|---------|---|---|----|-----|------------------|
| S56<br>2 | 87      | "5421503"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 06:53 |
| S56<br>3 | 1       | 10/079498   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 09:20 |
| S56<br>4 | 1       | 10/079498 and super   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 09:23 |
| S56<br>5 | 2222943 | (metal adj glass) or (metallic adh glass)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 09:23 |
| S56<br>6 | 21139   | (metal adj glass) or (metallic adj glass)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 09:23 |
| S56<br>7 | 4498    | ((metal adj glass) or (metallic adj glass)) and (mold or moulding or molding)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 09:24 |
| S56<br>8 | 1626    | ((metal adj glass) or (metallic adj glass)) and (mold or moulding or molding) and optical   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 09:25 |
| S56<br>9 | 460     | ((metal adj glass) or (metallic adj glass)) same (mold or moulding or molding)) and optical | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 09:25 |
| S57<br>0 | 194     | ((metal adj glass) or (metallic adj glass)) same (mold or moulding or molding)) and die     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 19:51 |
| S57<br>1 | 2       | 10/079496   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/11 19:51 |